

Environmental Protection Agency

§ 92.4

Volatile liquid fuel means any liquid fuel other than diesel or biodiesel.

Voluntary emission recall means a repair, adjustment, or modification program voluntarily initiated and conducted by a manufacturer or remanufacturer to remedy any emission-related defect for which notification of locomotive or locomotive engine owners has been provided.

§ 92.3 Abbreviations.

The abbreviations of this section apply to all subparts of this part and have the following meanings:

ANSI—American National Standards Institute
API—American Petroleum Institute
ASTM—American Society for Testing and Materials
BHP—Brake horsepower
BSCO—Brake specific carbon monoxide
BSHC—Brake specific hydrocarbons
BSNO_x—Brake specific oxides of nitrogen
°C—Celsius
cfh—cubic feet per hour
cfm—cubic feet per minute
CFV—Critical flow venturi
CL—Chemiluminescence
CO—Carbon monoxide
CO₂—Carbon dioxide
cu in—cubic inch(es)
CVS—Constant volume sampler
EP—End point
EPA—Environmental Protection Agency
°F—Fahrenheit
FEL—Family emission limit
FID—Flame ionization detector
ft—foot or feet
g—gram(s)
gal—U.S. gallon
GC—Gas Chromatograph
h—hour(s)
H₂O—water
HC—hydrocarbon
HFID—Heated flame ionization detector
Hg—Mercury
hp—horsepower
IBP—Initial boiling point
in—inch(es)
K—Kelvin
kg—kilogram(s)
km—kilometer(s)
kPa—kilopascal(s)
lb—pound(s)
LPG—Liquified Petroleum Gas
m—meter(s)
max—maximum
mg—milligram(s)
mi—mile(s)
min—minute
ml—milliliter(s)
mm—millimeter
mph—miles per hour

mv—millivolt(s)
N₂—nitrogen
NDIR—Nondispersive infrared
NMHC—Non-methane hydrocarbons
NO—nitric oxide
NO₂—nitrogen dioxide
NO_x—oxides of nitrogen
No.—number
O₂—oxygen
pct—percent
PM—particulate matter
ppm—parts per million by volume
ppmC—parts per million, carbon
psi—pounds per square inch
psig—pounds per square inch gauge
°R—Rankin
rpm—revolutions per minute
s—second(s)
SAE—Society of Automotive Engineers
SI—International system of units (i.e., metric)
THCE—Total hydrocarbon equivalent
U.S.—United States
V—volt(s)
vs—versus
W—watt(s)
wt—weight

§ 92.4 Treatment of confidential information.

(a) Any manufacturer or remanufacturer may assert that some or all of the information submitted pursuant to this part is entitled to confidential treatment as provided by 40 CFR part 2, subpart B.

(b) Any claim of confidentiality must accompany the information at the time it is submitted to EPA.

(c) To assert that information submitted pursuant to this part is confidential, a person or manufacturer or remanufacturer must indicate clearly the items of information claimed confidential by marking, circling, bracketing, stamping, or otherwise specifying the confidential information. Furthermore, EPA requests, but does not require, that the submitter also provide a second copy of its submittal from which all confidential information has been deleted. If a need arises to publicly release nonconfidential information, EPA will assume that the submitter has accurately deleted the confidential information from this second copy.

(d) If a claim is made that some or all of the information submitted pursuant to this part is entitled to confidential treatment, the information covered by that confidentiality claim will be disclosed by EPA only to the extent and

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by means of the procedures set forth in 40 CFR part 2, subpart B.

(e) Information provided without a claim of confidentiality at the time of submission may be made available to the public by EPA without further notice to the submitter, in accordance with 40 CFR 2.204(c)(2)(i)(A).

§ 92.5 Reference materials.

(a) The documents in paragraph (b) of this section have been incorporated by reference. The incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be inspected at U.S. EPA, OAR, 401 M St., SW., Washington, DC 20460, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/

*code of federal regulations/
ibr_locations.html.*

(b) The following paragraphs and tables set forth the material that has been incorporated by reference in this part:

(1) *ASTM material.* The following table sets forth material from the American Society for Testing and Materials that has been incorporated by reference. The first column lists the number and name of the material. The second column lists the section(s) of the part, other than this section, in which the matter is referenced. The second column is presented for information only and may not be all inclusive. More recent versions of these standards may be used with advance approval of the Administrator. Copies of these materials may be obtained from American Society for Testing and Materials, 1916 Race St., Philadelphia, PA 19103. The table follows:

Document number and name	40 CFR part 92 reference
ASTM D 86–95, Standard Test Method for Distillation of Petroleum Products	§ 92.113
ASTM D 93–94, Standard Test Methods for Flash-Point by Pensky-Martens Closed Cup Tester	§ 92.113
ASTM D 287–92, Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method).	§ 92.113
ASTM D 445–94, Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (the Calculation of Dynamic Viscosity).	§ 92.113
ASTM D 613–95, Standard Test Method for Cetane Number of Diesel Fuel Oil	§ 92.113
ASTM D 976–91, Standard Test Method for Calculated Cetane Index of Distillate Fuels	§ 92.113
ASTM D 1319–95, Standard Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption.	§ 92.113
ASTM D 1945–91, Standard Test Method for Analysis of Natural Gas by Gas Chromatography	§ 92.113
ASTM D 2622–94, Standard Test Method for Sulfur in Petroleum Products by X-Ray Spectrometry	§ 92.113
ASTM D 5186–91, Standard Test Method for Determination of Aromatic Content of Diesel Fuels by Supercritical Fluid Chromatography.	§ 92.113
ASTM E 29–93a, Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications.	§§ 92.9, 92.305, 92.509

(2) *SAE material.* The following table sets forth material from the Society of Automotive Engineers that has been incorporated by reference. The first column lists the number and name of the material. The second column lists the section(s) of the part, other than this section, in which the matter is referenced. The second column is presented for information only and may not be all inclusive. Copies of these materials may be obtained from Society of Automotive Engineers International, 400 Commonwealth Dr., Warrendale, PA 15096-0001. The table follows:

Document number and name	40 CFR part 92 reference
SAE Paper 770141, Optimization of a Flame Ionization Detector for Determination of Hydrocarbon in Diluted Automotive Exhausts, by Glenn D. Reschke.	§ 92.119
SAE Recommended Practice J244, Measurement of Intake Air or Exhaust Gas Flow of Diesel Engines.	§ 92.108

(3) *ANSI material.* The following table sets forth material from the American National Standards Institute that has been incorporated by reference. The first column lists the number and name of the material. The second column lists the section(s) of the part, other than this section, in which the matter